STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

	1. WELL NAME and NUMBER Deep Creek 26-15A-4-2
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** NATURAL BUTTES
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR FINLEY RESOURCES INC	**7. OPERATOR PHONE** 817 231-8735
8. ADDRESS OF OPERATOR PO Box 2200, Fort Worth, TX, 76113	**9. OPERATOR E-MAIL** awilkerson@finleyresources.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
	12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Deep Creek Investments LLC	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-823-3231
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2400 Sunnyside Avenue, Salt Lake City, UT 84108	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
	19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	357 FSL 2164 FEL	SWSE	26	4.0 S	2.0 E	U
Top of Uppermost Producing Zone	357 FSL 2164 FEL	SWSE	26	4.0 S	2.0 E	U
At Total Depth	357 FSL 2164 FEL	SWSE	26	4.0 S	2.0 E	U

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 357	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 720	**26. PROPOSED DEPTH** MD: 8500 TVD: 8500
27. ELEVATION - GROUND LEVEL 4729	**28. BOND NUMBER** RLB0011264	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 43-11500

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	13.375	0 - 60	48.0	H-40 ST&C	0.0	Class G	41	1.17	15.8
SURF	12.25	8.625	0 - 1000	32.0	J-55 ST&C	8.6	Premium Lite High Strength	164	3.53	11.0
							Class G	212	1.17	15.8
PROD	7.875	5.5	0 - 8500	15.5	J-55 LT&C	9.2	50/50 Poz	1327	1.24	12.8

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent (Star Point Enterprises, Inc.)	**PHONE** 435 650-3866
SIGNATURE	**DATE** 02/03/2014	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED 43047542820000 **APPROVAL**

Received: August 26, 2014

Finley Resources, Inc.
Deep Creek 26-15A-4-2
357' FSL & 2164' FEL, SW/4 SE/4, Sec 26, T4S, R2E, U.S.B.&M.
Uintah County, UT

Drilling Program

1. Formation Tops

Duchesne River	surface
Green River(top)	2,085'
Green River(pay)	4,200'
Wasatch	6,600'
TD	8,500'

2. Depth to Oil, Gas, Water, or Minerals

Green River(pay)	2,700'	-	4,200'	(Oil)
Wasatch	6,600'	-	TD	(Oil)

Fresh water may be encountered in the Duchesne Formation, but is not expected below about 300'.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730 --	770 --	322,000 --
Surface 8 5/8	0'	1,000'	32	J-55	STC	8.33	8.6	11	3,930 7.72	2,530 7.62	417,000 13.03
Production 5 1/2	0'	8,500'	15.5	J-55	LTC	9	9.2	11	4,810 1.54	4,040 1.26	217,000 1.65

Assumptions:

Received: February 03, 2014

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48 / 41	15%	15.8	1.17
Surface Lead	12 1/4	700'	Premium Lite II w/ 3% KCl + 10% bentonite	578 / 164	100%	11.0	3.53
Surface Tail	12 1/4	300'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	248 / 212	100%	15.8	1.17
Production Tail	7 7/8	7,600'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	1646 / 132	25%	12.8	1.24

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 25% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 1,000'	An air and/or fresh water system will be utilized.
1,000' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.2 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

Received: February 03, 2014

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.47 psi/ft gradient.

8,500' x 0.47 psi/ft = 3978 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

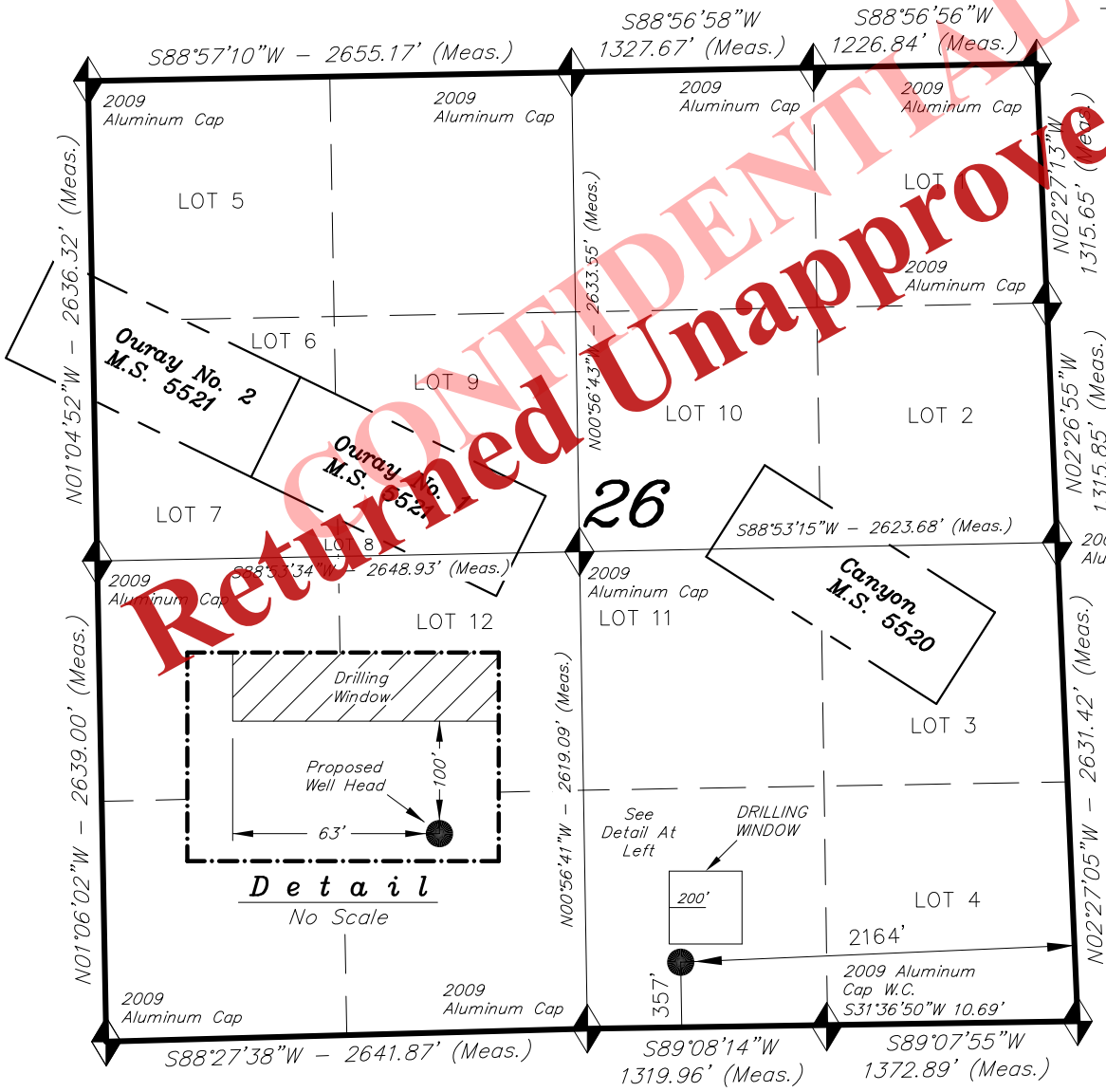
This is planned as a vertical well.

Received: February 03, 2014

T4S, R2E, U.S.B.&M.

FINLEY RESOURCES INC.

WELL LOCATION, 26-15A-4-2, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 26, T4S, R2E, U.S.B.&M. UINTAH COUNTY, UTAH.



1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

WELL LOCATION:
26-15A-4-2
ELEV. UNGRADED GROUND = 4729.2'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 01-30-14 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

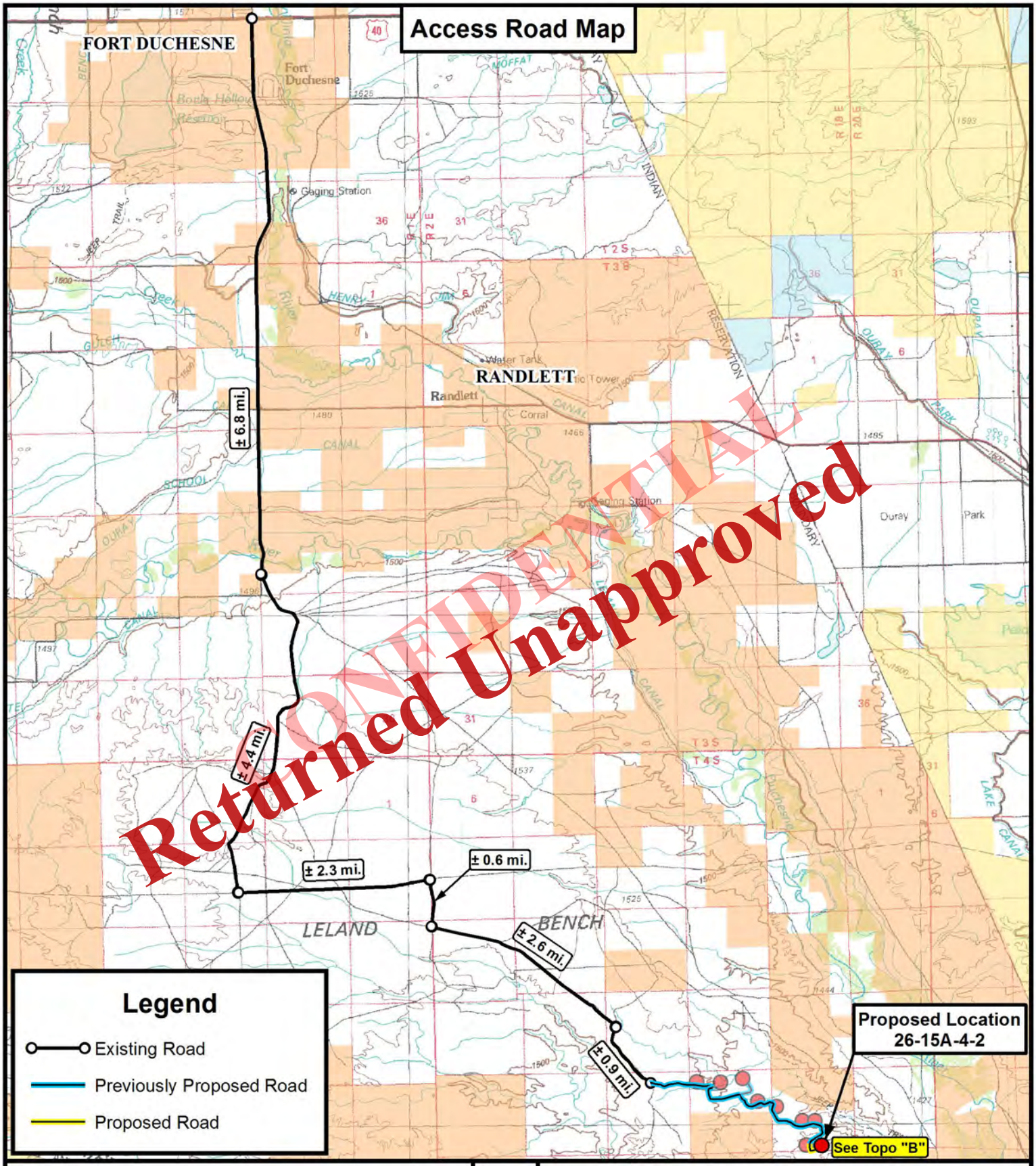
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°06'05.08"
LONGITUDE = 109°43'59.65"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-28-14	SURVEYED BY: Q.M.
DATE DRAWN: 01-30-14	DRAWN BY: L.C.S
REVISED:	SCALE: 1" = 1000'



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.

26-15A-4-2
Sec. 26, T4S, R2E, U.S.B.&M.
Uintah County, UT.

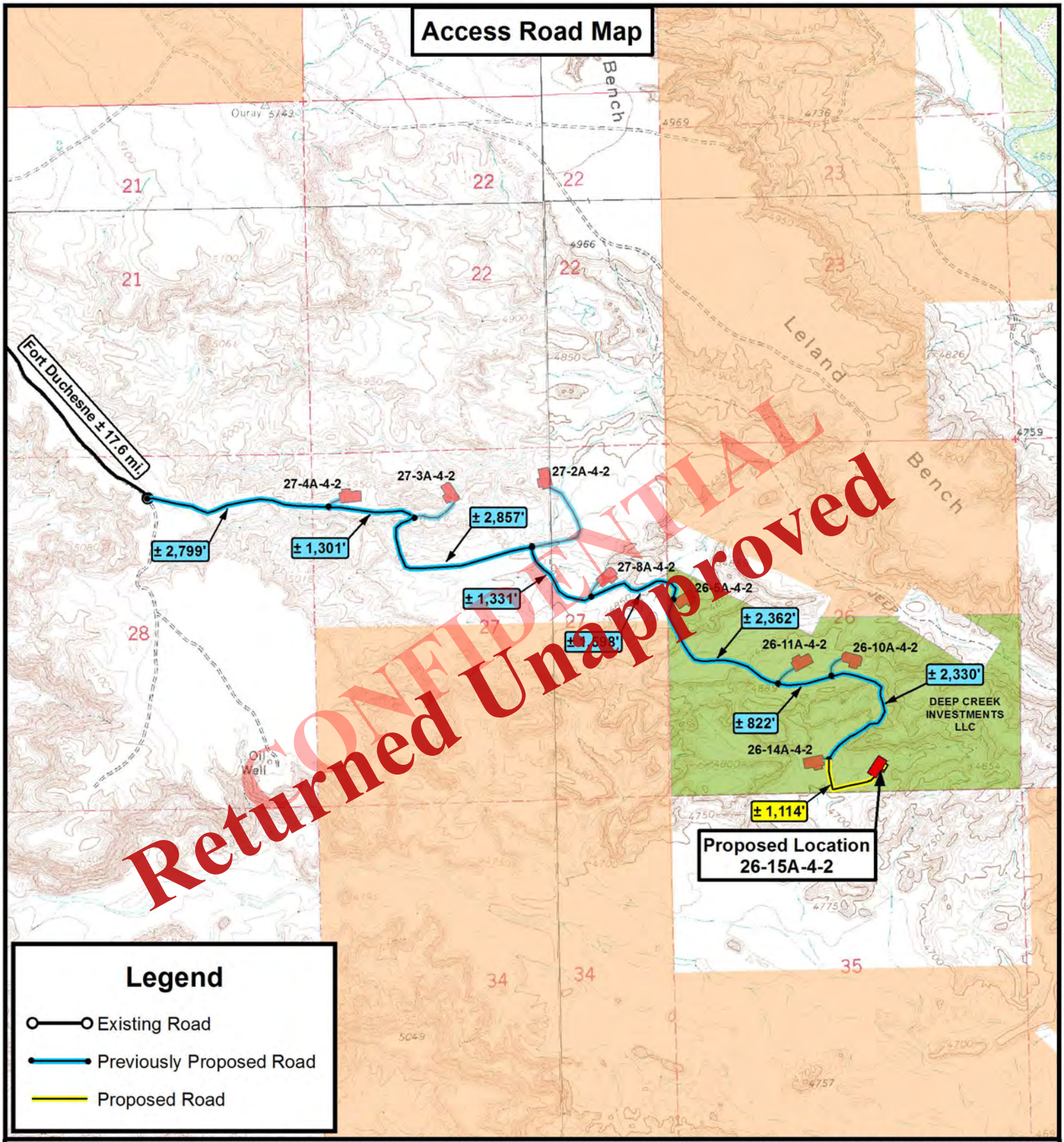
DRAWN BY:	D.C.R.	REVISED:
DATE:	01-31-2014	
SCALE:	1:100,000	

TOPOGRAPHIC MAP

SHEET A

Received: February 03, 2014

Access Road Map



CONFIDENTIAL

Returned Unapproved

Legend

- Existing Road
- Previously Proposed Road
- Proposed Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.

26-15A-4-2
Sec. 26, T4S, R2E, U.S.B.&M.
Uintah County, UT.

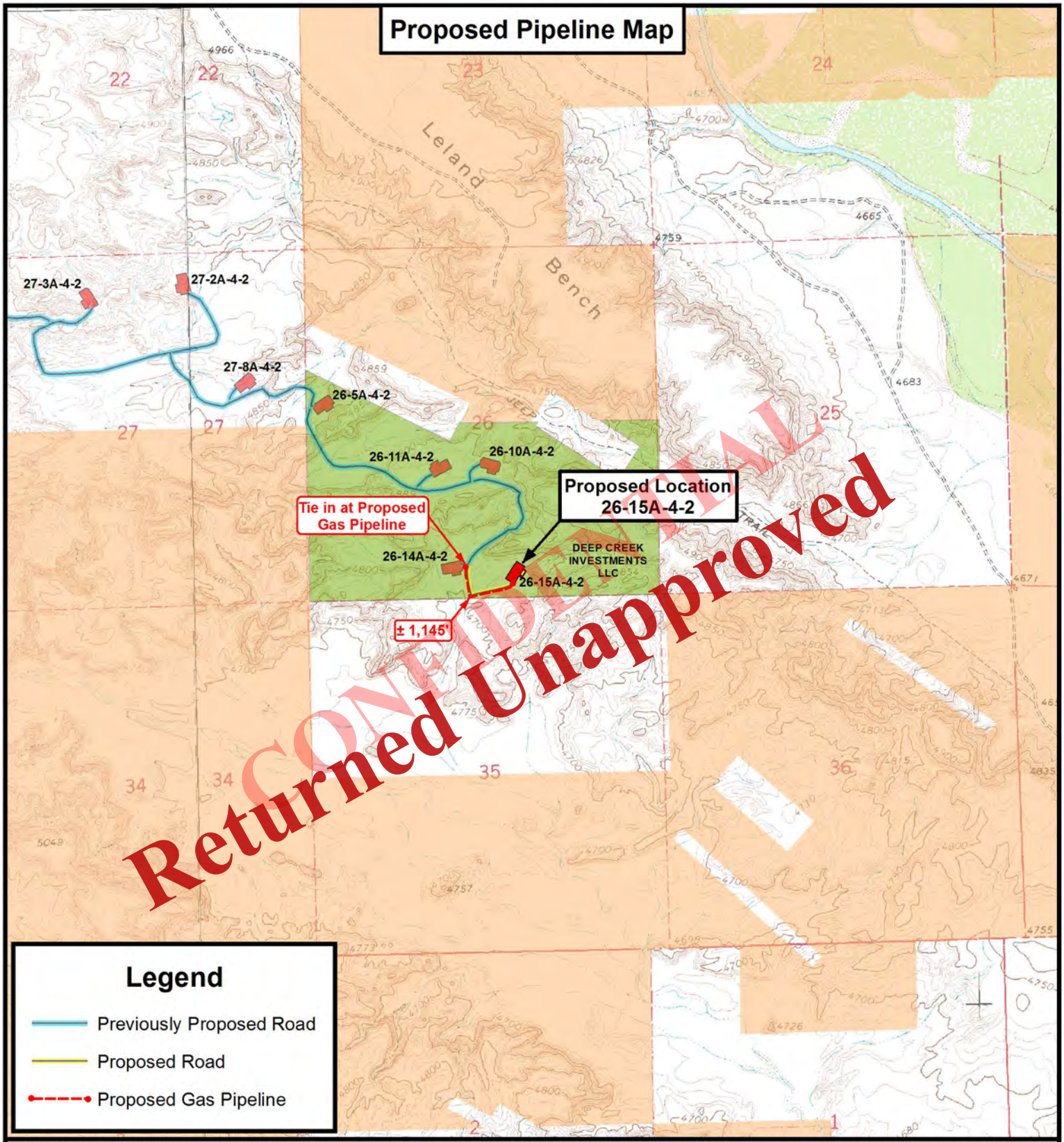
DRAWN BY:	D.C.R.	REVISED:
DATE:	01-31-2014	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET B

Received: February 03, 2014

Proposed Pipeline Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.

26-15A-4-2
Sec. 26, T4S, R2E, U.S.B.&M.
Uintah County, UT.

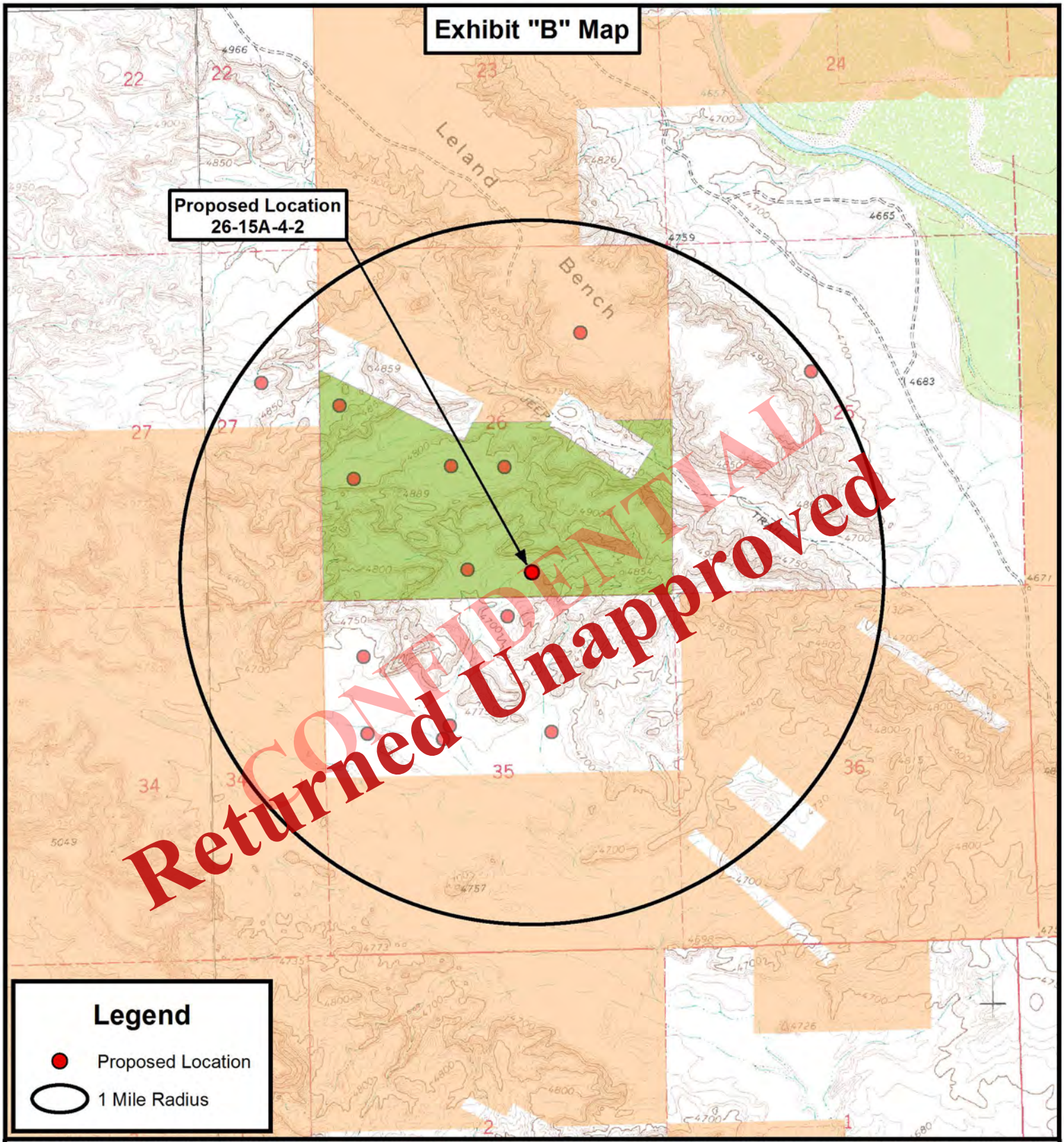
DRAWN BY:	D.C.R.	REVISED:
DATE:	01-31-2014	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET C

Received: February 03, 2014

Exhibit "B" Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.

26-15A-4-2
Sec. 26, T4S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED:
DATE:	01-31-2014	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET D

Received: February 03, 2014

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

State: Utah
County: Uintah
Affiant: Scott Ramsey, Land Manager, Finley Resources Inc.

Pursuant to the State of Utah R649-3-34.7, I Scott Ramsey personally attests and duly swears and deposes the following information:

My name is Scott Ramsey. I am the Land Manger for Finley Resources Inc., authorized to do business in the State of Utah, whose address is 1308 Lake Street, Fort Worth, Texas 76102, hereinafter referred to as ("Finley"). Finley owns, operates and manages oil and gas properties in Uintah County, Utah. Finley is the owner of certain oil and gas leasehold in the Section 26, 27 & 35 Township 4 South Range 2 East where a future drillsite location, right-of-way, easement will be located.

Finley and the Surface Owner, Deep Creek Investments, LLC have executed a Surface Use Agreement, covering but not limited to, future drill site locations, right-of-ways and easements, dated January 29, 2014 which include the right of ingress and egress, the right to construct drill site locations and rights-of-way under, through and across the following lands:

Township 4 South, Range 2 East, USM
Section 7: S/2
Section 8: S/2
Section 9: NE/4 & S/2
Section 10: W/2NW/4 & W/2SW/4
Section 15: S/2
Section 16: N/2
Section 21: All
Section 22: All
Section 26: Lot 3, 4, 7, 8, 11, 12, W/2SW/4, SE/4SW/4 & the SW/4SE/4
Section 27: Lot 1, 2, W/2NE/4 & NW/4
Section 28: ALL
Section 35: Lot 1, 2, W/2NE/4 & the NW/4

Furthermore, this shall serve as sufficient notice of Finley's agreement to access the aforementioned lands for the future development of the oil and gas leasehold.

Scott Ramsey, Land Manager
Finley Resources Inc.

ACKNOWLEDGEMENT

STATE OF TEXAS §

COUNTY OF TARRANT §

Before me the undersigned, a Notary Public, in and for said County and State, on this 29th day of January, 2014, personally appeared Scott Ramsey, as Land Manager, of Finley Resources Inc., to me known to be the identical person who subscribed the name of the maker therefore to the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

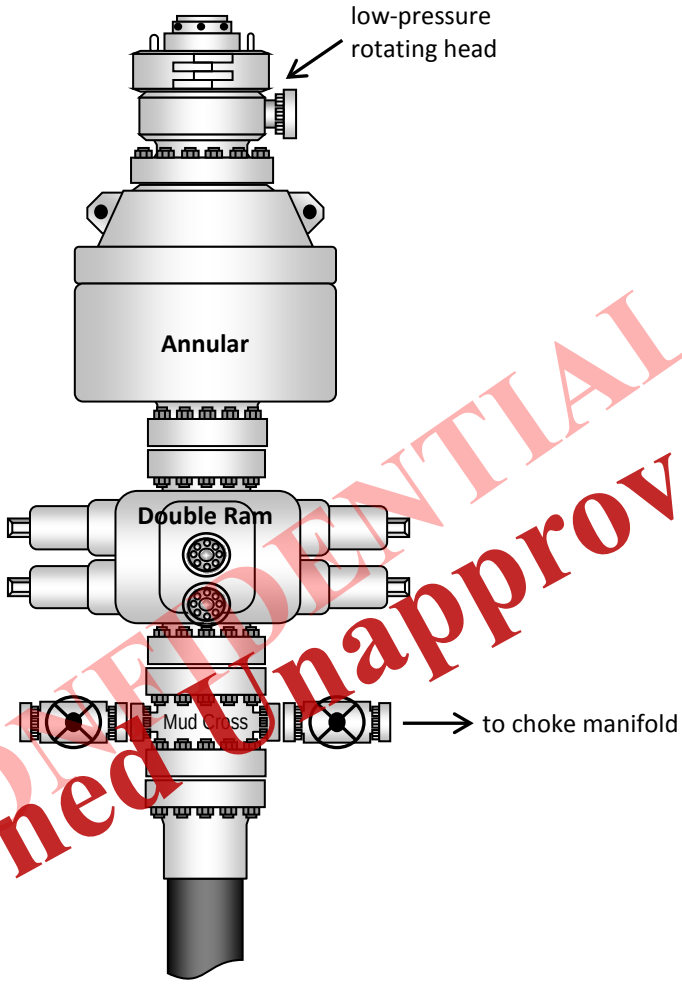
NOTARY PUBLIC
My Commission Expires: 8. 1. 2016

[SEAL]

ZACHARY THOMAS ARCHER
Notary Public, State of Texas
My Commission Expires
August 01, 2016

Received: February 03, 2014

Typical 5M BOP stack configuration



Received: February 03, 2014

FINLEY

r e s o u r c e s

P.O. Box 2200
Fort Worth, TX 76113
817-231-8735

February 3, 2014

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Finley Resources, Inc. – **Deep Creek 26-15A 4-2**
357' FSL & 2164' FEL, SW/4 SE/4, Section 26, T4S, R2E, USB&M
Uintah County, Utah

Dear Diana:

Finley Resources, Inc. respectfully submits this request for exception to spacing (R649-3-3) based on geology since the well is located less than 460 feet to the drilling unit boundary. Finley Resources, Inc. is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path, and neither the surface nor target locations are within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 817-231-8759 should you have any questions or need additional information.

Sincerely,

Zachary Archer
Finley Resources, Inc.
817-231-8759

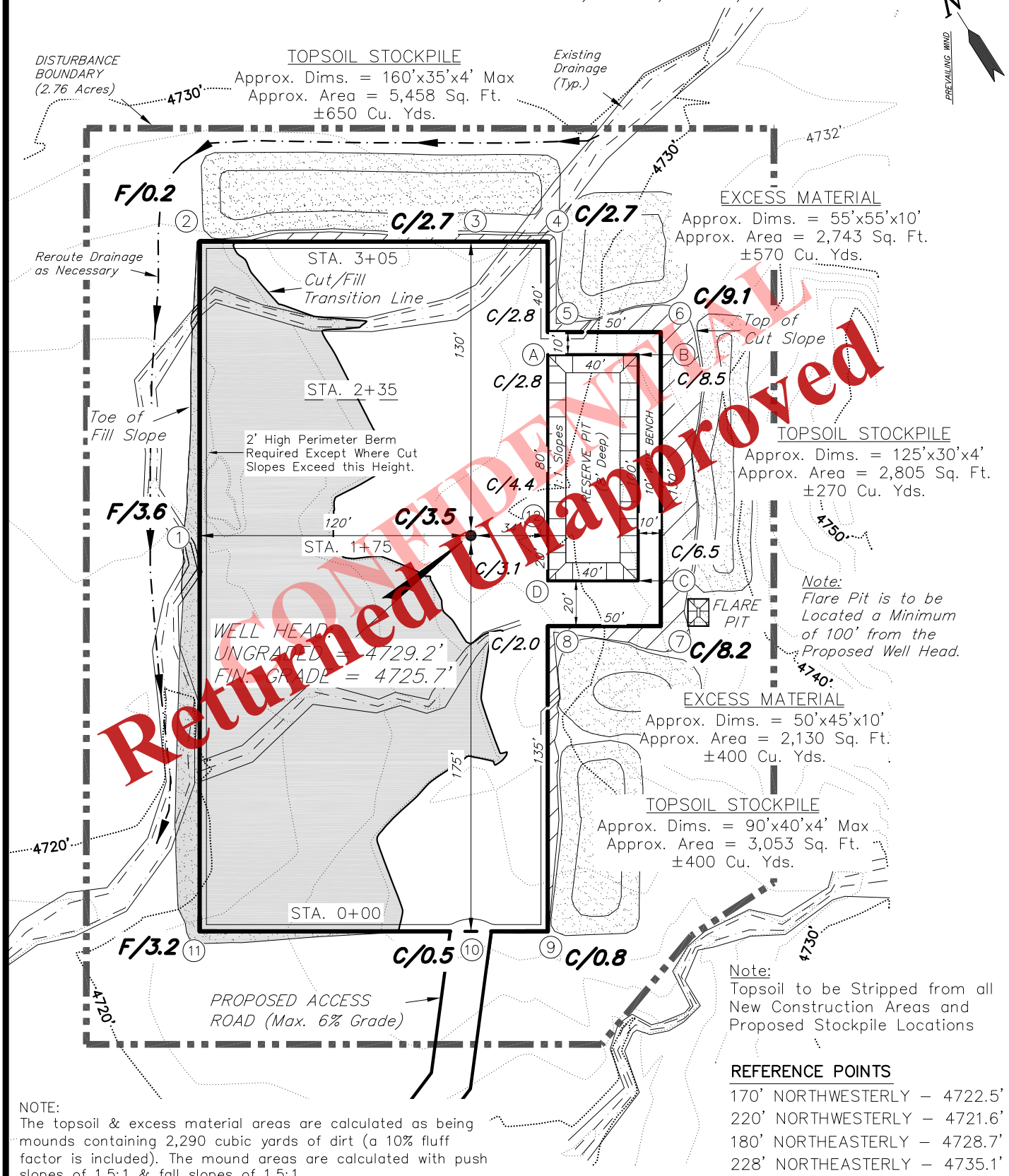
Received: February 03, 2014

FINLEY RESOURCES INC.

PROPOSED LOCATION LAYOUT

26-15A-4-2

Pad Location: SWSE Section 26, T4S, R2E, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,290 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

REFERENCE POINTS

170' NORTHWESTERLY – 4722.5'
220' NORTHWESTERLY – 4721.6'
180' NORTHEASTERLY – 4728.7'
228' NORTHEASTERLY – 4735.1'

SURVEYED BY:	Q.M.	DATE SURVEYED:	01-28-14
DRAWN BY:	L.C.S.	DATE DRAWN:	01-30-14
SCALE:	1" = 60'	REVISED: M.W.	03-26-14

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

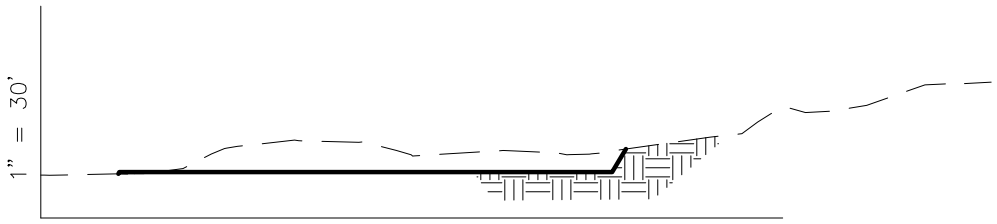
Received: April 22, 2014

FINLEY RESOURCES INC.

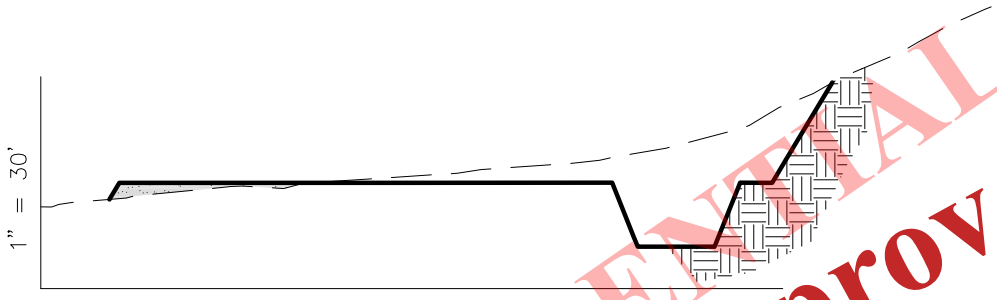
CROSS SECTIONS

26-15A-4-2

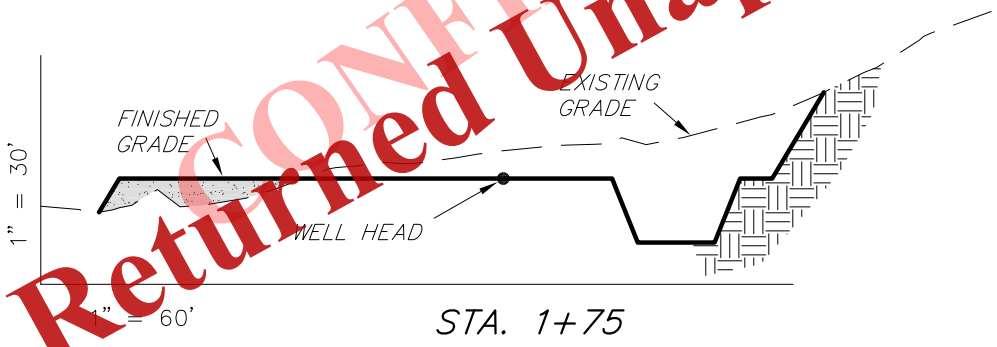
Pad Location: SWSE Section 26, T4S, R2E, U.S.B.&M.



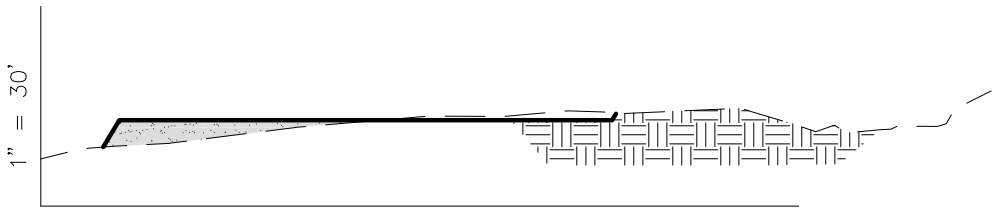
STA. 3+05



STA. 2+35



STA. 1+75



STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,720	2,720	Topsoil is not included in Pad Cut Volume	0
PIT	880	0		880
TOTALS	3,600	2,720	1,200	880

SURVEYED BY:	Q.M.	DATE SURVEYED:	01-28-14
DRAWN BY:	L.C.S.	DATE DRAWN:	01-30-14
SCALE:	1" = 60'	REVISED: M.W.	03-26-14

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

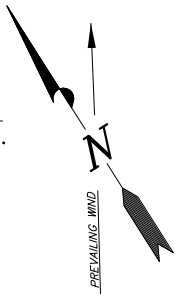
Received: April 22, 2014

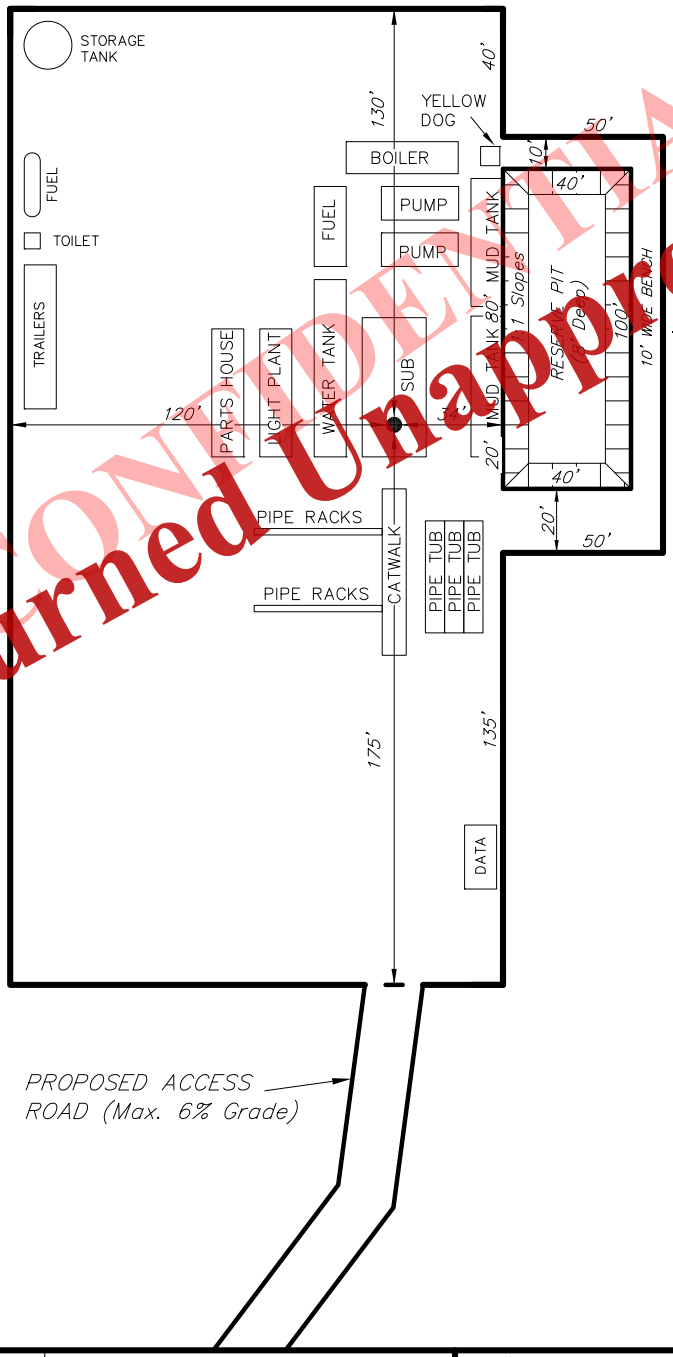
FINLEY RESOURCES INC.

TYPICAL RIG LAYOUT

26-15A-4-2

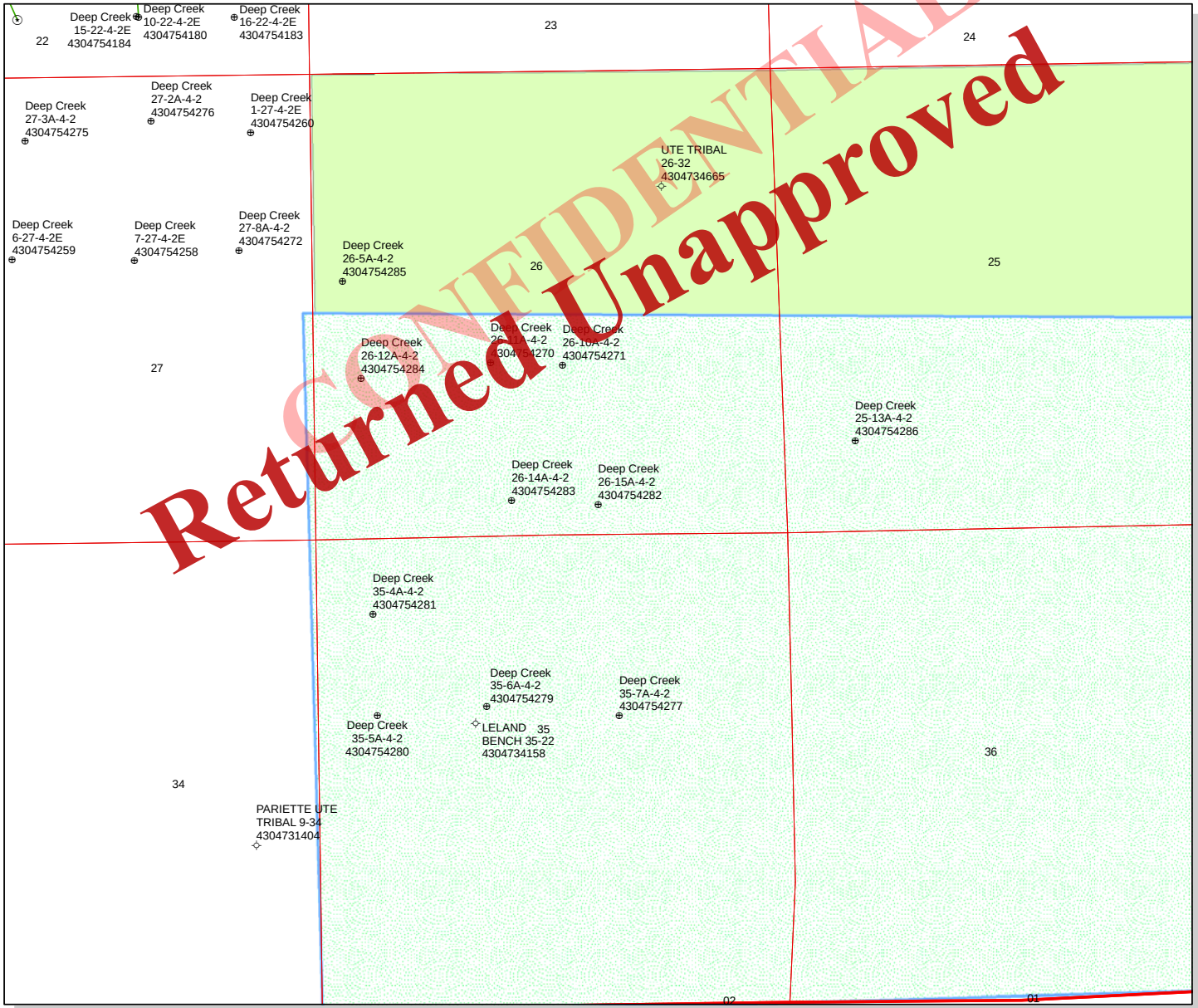
Pad Location: SWSE Section 26, T4S, R2E, U.S.B.&M.





Note:
Flare Pit is to be Located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY:	Q.M.	DATE SURVEYED:	01-28-14	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY:	L.C.S.	DATE DRAWN:	01-30-14	
SCALE:	1" = 60'	REVISED: M.W.	03-26-14	180 NORTH VERNAL AVE. VERNAL, UTAH 84078



API Number: 4304754282

Well Name: Deep Creek 26-15A-4-2

Township: T04.0S Range: R02.0E Section: 26 Meridian: U

Operator: FINLEY RESOURCES INC

Map Prepared: 2/6/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

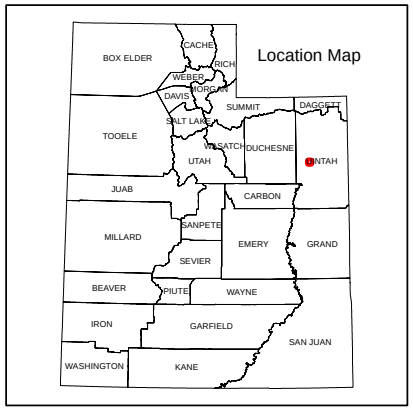
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



1,400 700 0 1,400 Feet

1:14,006

Received: February 06, 2014

BOPE REVIEW **FINLEY RESOURCES INC** **Deep Creek 26-15A-4-2** **43047542820000**

Well Name	FINLEY RESOURCES INC Deep Creek 26-15A-4-2 43047542820000			
String	COND	SURF	PROD	
Casing Size(")	13.375	8.625	5.500	
Setting Depth (TVD)	60	1000	8500	
Previous Shoe Setting Depth (TVD)	0	60	1000	
Max Mud Weight (ppg)	8.3	8.6	9.2	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3930	4810	
Operators Max Anticipated Pressure (psi)	3978		9.0	

Calculations	COND String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	447	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	327	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	227	YES Ok
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	240	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

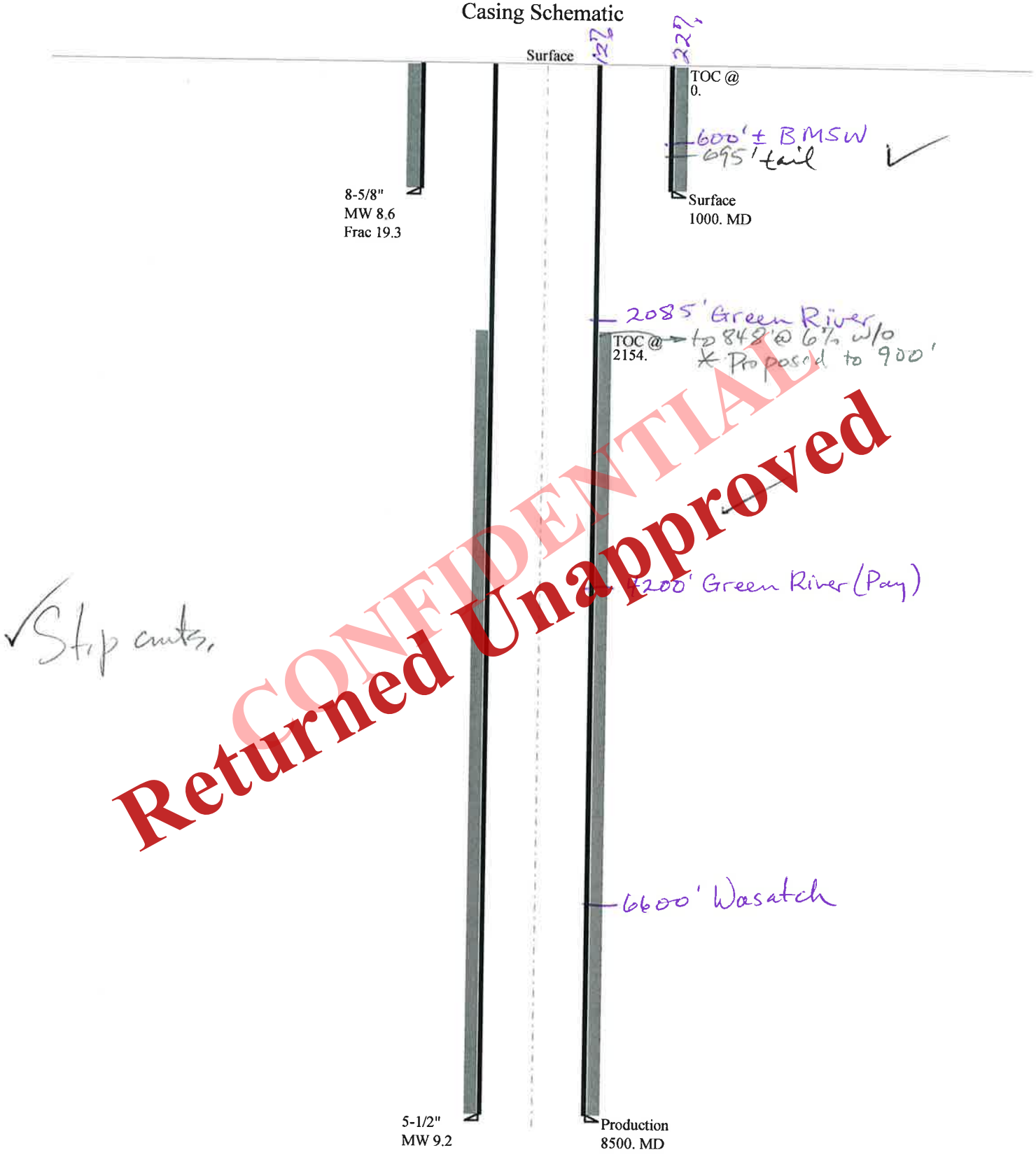
Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4066	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3046	YES 5M BOP, two ram preventers, annular preventer, choke
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2196	YES manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2416	NO OK
Required Casing/BOPE Test Pressure=		3367	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Received: May 01, 2014

43047542820000 Deep Creek 26-15A-4-2

Casing Schematic



Received: May 01, 2014

Well name:	43047542820000 Deep Creek 26-15A-4-2
Operator:	FINLEY RESOURCES INC
String type:	Surface
Location:	UINTAH COUNTY
Project ID:	43-047-54282

Design parameters:

Collapse

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.70 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 872 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	88 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	8,500 ft
Next mud weight:	9.200 ppg
Next setting BHP:	4,062 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	1,000 ft
Injection pressure:	1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	8.625	32.00	J-55	ST&C	1000	1000	7.875	7979

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	447	2530	5.664	1000	3930	3.93	27.9	372	13.33 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: April 14,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Received: May 01, 2014

Well name:	43047542820000 Deep Creek 26-15A-4-2
Operator:	FINLEY RESOURCES INC
String type:	Production
Location:	UINTAH COUNTY
Project ID:	43-047-54282

Design parameters:

Collapse

Mud weight:	9.200 ppg
Internal fluid density:	1.100 ppg

Burst

Max anticipated surface pressure:	2,192 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	4,062 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on buoyed weight.
Neutral point: 7,317 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	193 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	2,154 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	8500	5.5	15.50	J-55	LT&C	8500	8500	4.825	30014

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3577	4040	1.130	4062	4810	1.18	113.4	217	1.91 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: April 14,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8500 ft, a mud weight of 9.2 ppg An internal gradient of .057 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Received: May 01, 2014

Diana Mason <dianawhitney@utah.gov>

FW: Approved DOGM Permits

Star Point Enterprises, Inc. <starpoint@etv.net> Mon, Aug 25, 2014 at 11:21 AM
Reply-To: starpoint@etv.net
To: dianawhitney@utah.gov, Brad Hill <BRADHILL@utah.gov>
Cc: Zachary Archer <ZArcher@finleyresources.com>, Helen MacDonald <hmacdonald@utah.gov>

Diana;

Finley Resources, Inc. respectfully requests that the following APD's be rescinded following an earlier operating agreement between Finley and Crescent (memorandum attached):

Applications For FINLEY RESOURCES INC

APD	API Well No	Well Name
9342	43047542760000	Deep Creek 27-2A-4-2
9343	43047542750000	Deep Creek 27-3A-4-2
9344	43047542740000	Deep Creek 27-4A-4-2
9345	43047542730000	Deep Creek 27-5A-4-2
9346	43047542720000	Deep Creek 27-8A-4-2
9347	43047542710000	Deep Creek 26-10A-4-2
9348	43047542700000	Deep Creek 26-11A-4-2
9357	43047542850000	Deep Creek 26-5A-4-2
9358	43047542840000	Deep Creek 26-12A-4-2
9359	43047542830000	Deep Creek 26-14A-4-2
9360	43047542820000	Deep Creek 26-15A-4-2

9364	43047542770000	Deep Creek 35-7A-4-2
9404	43047542970000	Deep Creek 26-9A-4-2
9405	43047542980000	Deep Creek 26-13A-4-2
9406	43047543000000	Deep Creek 35-2A-4-2
9408	43047542990000	Deep Creek 35-8A-4-2
9409	43047543020000	Deep Creek 35-1A-4-2
9477	43047543350000	Bar F 25-11A-4-2
9478	43047543360000	Bar F 25-12A-4-2
9479	43047543370000	Bar F 25-13A-4-2
9480	43047543380000	Bar F 25-14A-4-2
9513	43047543570000	Deep Creek 26-16A-4-2

- - -

Don

FRI Executed - Memo to UDOGM.pdf
522K

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

August 26, 2014

FINLEY RESOURCES INC
PO Box 2200
Fort Worth, TX 76113

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Deep Creek 26-15A-4-2 well, API 43047542820000 that was submitted February 03, 2014 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason
Environmental Scientist

Enclosure
cc: Bureau of Land Management, Vernal, Utah

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING